



JPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/824,587
Applicant : Arthur E. COLVIN, Jr.
Filed : April 15, 2004
TC/A.U. : 2878
Examiner :

Docket No. : 2232-171
Customer No. : 06449
Confirmation No. : 6642

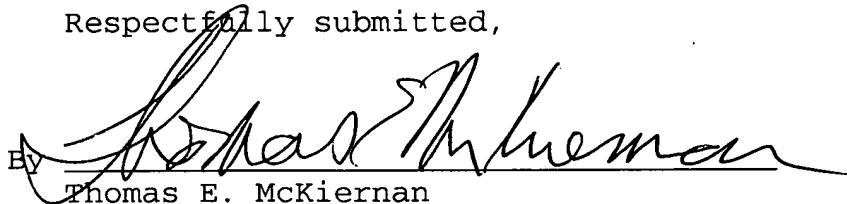
SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

Director of the United States Patent
and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98,
Applicant submits herewith information that the Office may wish
to consider in examination of the subject application. Materials
submitted for consideration are listed on the attached form PTO-
1449.

Respectfully submitted,



By Thomas E. McKiernan
Attorney for Applicants
Registration No. 37,889
ROTHWELL, FIGG, ERNST & MANBECK, p.c.
Suite 800, 1425 K Street, N.W.
Washington, D.C. 20005
Telephone: (202)783-6040

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**



Complete if Known

Application Number	10/824,587
Filing Date	April 15, 2004
First Named Inventor	Arthur E. COLVIN, Jr.
Group Art Unit	2878
Examiner Name	
Confirmation No.	6642
Attorney Docket Number	2232-171

Sheet

1

of

5

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
		5,117,825		Grevious	06-02-1992
		5,244,810		Gottlieb	09-14-1993
		5,341,805		Stavridi et al.	08-30-1994
		5,584,870		Single et al.	12-17-1996
		5,628,310		Rao et al.	05-13-1997
		5,704,352		Tremblay et al.	01-06-1998
		5,372,133		Hogen Esch	12-13-1994
		5,963,132		Yoakum	10-05-1999
		5,966,404		Yokota et al.	10-12-1999
		6,002,954		Van Antwerp et al.	12-14-1999
		6,009,878		Weijand et al.	01-04-2000
		6,040,194		Chick et al.	03-21-2000
		6,073,050		Griffith	06-06-2000
		6,092,530		Weissman et al.	07-25-2000
		6,099,482		Brune et al.	08-08-2000
		6,141,591		Lenarz et al.	10-31-2000
		6,198,950		Kraus	03-06-2001
		6,212,431		Hahn et al.	04-03-2001

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Complete if Known</i>	
				Application Number	10/824,587
				Filing Date	April 15, 2004
				First Named Inventor	Arthur E. COLVIN, Jr.
				Group Art Unit	2878
				Examiner Name	
				Confirmation No.	6642
Sheet	2	of	5	Attorney Docket Number	2232-171

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
		6,259,937	B1	Schulman et al.	07-10-2001
		6,268,161	B1	Han et al.	07-31-2001
		6,289,229	B1	Crowley	09-11-2001
		6,321,067	B1	Suga et al.	11-20-2001
		6,330,885	B1	Weissman et al.	12-18-2001
		6,368,275	B1	Sliwa et al.	04-09-2002
		6,387,048	B1	Schulman et al.	05-14-2002
		6,415,186	B1	Chim et al.	07-02-2002
		6,419,624	B1	Burton et al.	07-16-2002
		6,443,891	B1	Grevious	09-03-2002
		6,447,448	B1	Ishikawa et al.	09-10-2002
		6,454,710	B1	Ballerstadt et al.	09-24-2002
		6,475,750	B1	Han et al.	11-05-2002
		6,542,777	B1	Griffith et al.	04-01-2003
		6,564,807	B1	Schulman et al.	05-20-2003
		6,585,763	B1	Keilman et al.	07-01-2003
		6,614,406	B2	Amundson et al.	09-02-2003
		6,430,444	B1	Borza	08-06-2002

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Complete if Known</i>	
				Application Number	10/824,587
				Filing Date	April 15, 2004
				First Named Inventor	Arthur E. COLVIN, Jr.
				Group Art Unit	2878
				Examiner Name	
				Confirmation No.	6642
Sheet	3	of	5	Attorney Docket Number	2232-171

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
		6,666,821	B2	Keimel	12-23-2003
		6,671,527	B2	Petersson et al.	12-30-2003
		6,682,490	B2	Roy et al.	01-27-2004
		6,694,158	B2	Polak	02-17-2004
		6,711,423	B2	Colvin, Jr.	03-23-2004
		6,731,961	B2	Braig et al.	05-04-2004
		6,731,976	B2	Penn et al.	05-04-2004
		6,772,011	B2	Dolgin	08-03-2004
		6,802,811	B1	Slepian	10-12-2004
		6,806,552	B2	Woo et al.	10-19-2004
		6,809,701	B2	Amundson et al.	10-26-2004
		2002/0032435	A1	Levin	03-14-2002
		2002/0118134	A1	Chen	08-29-2002
		2002/0123779	A1	Zarinetchi et al.	09-05-2002
		2003/0025645	A1	Amundson et al.	02-06-2003
		2003/0050542	A1	Reihl et al.	03-13-2003
		2003/0098783	A1	Pagnol	05-29-2003
		2003/0113934	A1	Kwon	06-19-2003

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Complete if Known</i>	
				Application Number	10/824,587
				Filing Date	April 15, 2004
				First Named Inventor	Arthur E. COLVIN, Jr.
				Group Art Unit	2878
				Examiner Name	Navin Natnithithadha
				Confirmation No.	6642
Sheet	4	of	5	Attorney Docket Number	2232-171

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
		2003/0125612	A1	Fox et al.	07-03-2003
		2003/0140931	A1	Zeijlemaker et al.	07-31-2003
		2003/0169169	A1	Wuidart et al.	09-11-2003
		2003/0172940	A1	Rogers et al.	09-18-2003
		2003/0195400	A1	Glukhovsky	10-16-2003
		2003/0213495	A1	Fujita et al.	11-20-2003
		2004/0027306	A1	Amundson et al.	02-12-2004
		2004/0147801	A1	Kugler et al.	07-29-2004
		2004/0181155	A1	Glukhovsky	09-16-2004
		2004/0199059	A1	Brauker et al.	10-07-2004
		2004/0048394	A1	Kirchhevel	03-11-2004
		5,001,054		Wagner	03-19-1991
		2002/0161288	A1	Shin et al.	10-31-2002
		2002/0019707	A1	Cohen et al.	02-14-2002
		2002/0016535	A1	Martin et al.	02-07-2002
		6,809,653	B1	Mann et al.	10-26-2004
		6,809,507	B2	Morgan et al.	10-26-2004
		6,545,483	B1	Douglas	04-08-2003

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Complete if Known</i>	
				Application Number	10/824,587
				Filing Date	April 15, 2004
				First Named Inventor	Arthur E. COLVIN, Jr.
				Group Art Unit	2878
				Examiner Name	
				Confirmation No.	6642
Sheet	5	of	5	Attorney Docket Number	2232-171

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
		6,505,059	B1	Kollias et al.	01-07-2003
		6,424,847	B1	Mastrototaro et al.	07-23-2002
		6,411,108	B1	Douglas et al.	06-25-2002
		5,995,860		Sun et al.	11-30-1999
		4,543,553		Mandai et al.	09-24-1985
		5,003,622		Ma et al.	03-26-1991
		5,126,714		Johnson	06-30-1992
		5,300,911		Walters	04-05-1994
		5,541,567		Fogel et al.	07-30-1996
		6,143,432		de Rochemont et al.	11-07-2000
		6,183,304	B1	Hollander et al.	02-06-2001

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.